



LEAD IN POTABLE WATER SCREENING REPORT

INVESTIGATION FOR: Valentina Baldessarre
Archdiocese of Newark
171 Clifton Avenue
P.O. Box 9500
Newark, NJ 07104

SITE INVESTIGATED: Sacred Heart
Bergen Center for Child Development
140 Park Street
Haworth, NJ 07641

ASSESSMENT BY: Sarah Hutchins
Omega Environmental Services, Inc.
280 Huyler Street
South Hackensack, NJ 07606

INVESTIGATION
CONDUCTED: 8/24/2021

DATE OF REPORT: 10/5/2021

(Omega Project # 21-26045)

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EXECUTIVE SUMMARY:

The Archdiocese of Newark requested representative lead in water testing of potable water outlets at Sacred Heart/Bergen Center for Child Development on 140 Park Street, Haworth, New Jersey, 07641.

Previous Testing (2/25/2017)

In order to further assess the building water outlets a follow-up testing of all outlets with elevated results was performed on February 25, 2017.

Reportedly the outlets were not flushed or used on the day of testing.

First draw and flush samples (30 second) were collected of 10 water fountains and sinks.

Nine first draw samples were above the Lead and Copper Rule action level of 15 ppb. The associated flush samples were below 15 ppb.

Recent Testing (8/24/2021)

In order to further assess the building water outlets a testing of representative potable outlets was performed on August 24, 2021.

Reportedly the outlets were flushed the day prior to sampling.

First draw and flush samples (30 second) were collected of 23 water fountains and sinks.

Eleven (11) first draw samples were above the Lead and Copper Rule action level of 15 ppb. Three (3) of the associated flush samples were above 15 ppb. Two (2) flush samples were above 15 ppb while the corresponding first draw samples were below 15 ppb.

See Section 3 Discussion of Results

Applicable Corrective Action

The positive outlets should not be used by students/staff but should continue to be flushed daily or weekly pending re-test.

Water Management/Plumbing Plan

No water management/plumbing plan has been created for Sacred Heart/Bergen Center for Child Development.

1 RESULTS TABLE:

Sample #	Location	1 st draw (FD) or flush (FL)	Results (ppb)	LCR Action Level ⁽¹⁾ (ppb)
01 FD	Church Bathroom Faucet	FD	ND	15
01 FL	Church Bathroom Faucet	FL	N/A	15
02 FD	Church Sacristy	FD	3.47	15
02 FL	Church Sacristy	FL	N/A	15
03 FD	School Kitchen Faucet	FD	2.90	15
03 FL	School Kitchen Faucet	FL	N/A	15
04 FD	Gym Women's Staff Bathroom Sink Left	FD	17.6	15
04 FL	Gym Women's Staff Bathroom Sink Left	FL	54.4	15
05 FD	Gym Women's Staff Bathroom Sink Center	FD	33.6	15
05 FL	Gym Women's Staff Bathroom Sink Center	FL	7.92	15
06 FD	Gym Women's Staff Bathroom Sink Right	FD	36.5	15
06 FL	Gym Women's Staff Bathroom Sink Right	FL	2.44	15
07 FD	Gym Men's Staff Bathroom Sink Left	FD	42.9	15
07 FL	Gym Men's Staff Bathroom Sink Left	FL	228	15
08 FD	Gym Men's Staff Bathroom Sink Center	FD	79.7	15
08 FL	Gym Men's Staff Bathroom Sink Center	FL	22.4	15
09 FD	Gym Mne's Staff Bathroom Sink Right	FD	37.5	15
09 FL	Gym Mne's Staff Bathroom Sink Right	FL	3.52	15
10 FD	Nurse's Office Room Sink	FD	13.4	15
10 FL	Nurse's Office Room Sink	FL	N/A	15
11 FD	Nurse's Office Bathroom Faucet	FD	24.9	15
11 FL	Nurse's Office Bathroom Faucet	FL	1.33	15
12 FD	School Ladies Main Bathroom Northside Left Sink	FD	58.3	15
12 FL	School Ladies Main Bathroom Northside Left Sink	FL	5.65	15
13 FD	School Ladies Main Bathroom Northside Right Sink	FD	67.9	15
13 FL	School Ladies Main Bathroom Northside Right Sink	FD	9.92	15
14 FD	School Ladies Main Bathroom Southside Left Sink	FD	8.24	15
14 FL	School Ladies Main Bathroom Southside Left Sink	FL	36.3	15
15 FD	School Ladies Main Bathroom Southside Right Sink	FD	12.6	15
15 FL	School Ladies Main Bathroom Southside Right Sink	FL	N/A	15
16 FD	School Boys Main Bathroom Sink Left	FD	9.06	15
16 FL	School Boys Main Bathroom Sink Left	FL	31.6	15
17 FD	School Boys Main Bathroom Sink Left Center	FD	9.66	15
17 FL	School Boys Main Bathroom Sink Left Center	FL	N/A	15
18 FD	School Boys Main Bathroom Sink Right Center	FD	10.0	15
18 FL	School Boys Main Bathroom Sink Right Center	FL	N/A	15
19 FD	School Boys Main Bathroom Sink Right	FD	32.1	15
19 FL	School Boys Main Bathroom Sink Right	FL	4.57	15
20 FD	Principal's Office Bathroom Faucet	FD	4.48	15
20 FL	Principal's Office Bathroom Faucet	FL	N/A	15
21 FD	Administration Bathroom Faucet	FD	4.99	15
21 FL	Administration Bathroom Faucet	FL	N/A	15
22 FD	Outside Spigot by Main Entrance	FD	110	15
22 FL	Outside Spigot by Main Entrance	FL	7.42	15
23 FD	Outside Spigot Back of Building (Parking Lot)	FD	9.40	15
23 FL	Outside Spigot Back of Building (Parking Lot)	FL	N/A	15
24	Field Blank	FD	ND	15

⁽¹⁾ EPA Lead in Copper Rule (1991) Action Level for water suppliers (municipalities and private wells) and March 2016 Newark Public Schools Lead Water Testing Sampling Plan.

FD – First Draw Sample

FL – Flush Sample (30 sec)

NA – Not Analyzed

2 SAMPLING METHODOLOGY:

First Draw Samples - Without allowing any water to spill until sample collection, samples were collected with a relatively slow flow rate in 250 mL bottles prepared with Nitric Acid (HNO₃) as a preservative.

Flush Samples – After collection of first draw samples the water was allowed to flow at a relatively slow rate for thirty second to flush the fixture and close piping. The flush samples are intended to test the plumbing further upstream from the fixture (behind walls).

The samples were packaged in a cooler and shipped to EMSL Analytical, Inc. in Cinnaminson, NJ for total lead in potable water analysis (method E200.8 IOC).

3 DISCUSSION OF RESULTS:

Eleven (11) first draw samples were above 15 ppb. Three (3) of the associated flush samples were above 15 ppb. Two (2) flush samples were above 15 ppb while the corresponding first draw samples were below 15 ppb. Positive first draw samples represent Lead in fixtures while ‘flush’ samples represent plumbing lines.

4 RECOMMENDATIONS:

Short term:

- Take any outlets with elevated results out of service.
- Conduct further evaluation, flushing, and testing of outlets with elevated results.

Contact Omega Environmental to discuss specific recommendations.

Long Term:

- **If additional testing shows similar results (first draw results above 15 ppb) consider replacing the spout of the fountains (may contain brass, adding to lead levels), installing filters (if practical), or fixture replacement.**
- Repeat full building testing on an annual basis. Generally this should be performed in August prior to the start of the school season.
- Develop a Lead in Water Management Plan in accordance with the 2006 EPA 3T's for Reducing Lead in Drinking Water in Schools.

A. Lead in Water Laboratory Reports



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Phone: (856) 303-2500 Fax: (856) 858-4571 Email: EnvChemistry2@emsl.com

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606
Phone: (201) 489-8700
Fax: (201) 489-8797

9/21/2021

The following analytical report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 8/26/2021. The results are tabulated on the attached data pages for the following client designated project:

**Arch of Newark/ Sacred Heart Bergen Center for Child
Development/ 21-26045**

The reference number for these samples is EMSL Order #012109906. Please use this reference when calling about these samples. If you have any questions, please do not hesitate to contact me at (856) 303-2500.

Approved By:

Phillip Worby, Environmental Chemistry
Laboratory Director



The test results contained within this report meet the requirements of NELAP and/or the specific certification program that is applicable, unless otherwise noted.
NELAP Certifications: NJ 03036, NY 10872, PA 68-00367, CA ELAP 1877

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by the NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



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 200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (856) 303-2500 / (856) 858-4571
<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012109906
 CustomerID: OMEG50
 CustomerPO: 21-26045
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

Phone: (201) 489-8700
 Fax: (201) 489-8797
 Received: 8/26/2021 09:00 AM

Project: Arch of Newark/ Sacred Heart Bergen Center for Child Development/ 21-26045

Analytical Results

Client Sample Description	01 FD	Collected:	8/24/2021	Lab ID:	012109906-0001
Church Bathroom Faucet Mixing Valve		8:09:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 21:58
Client Sample Description	02 FD	Collected:	8/24/2021	Lab ID:	012109906-0003
Church Sacristy		8:15:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.47	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:07
Client Sample Description	03 FD	Collected:	8/24/2021	Lab ID:	012109906-0005
School Kitchen Faucet		8:20:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.90	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:10
Client Sample Description	04 FD	Collected:	8/24/2021	Lab ID:	012109906-0007
Gym Women's Staff Bathroom Sink Left		8:22:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	17.6	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:13
Client Sample Description	04 FL	Collected:	8/24/2021	Lab ID:	012109906-0008
Gym Women's Staff Bathroom Sink Left		8:22:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	54.4	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:14



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 CustomerPO: 21-26045
 ProjectID:

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Omega Environmental Services Fax: (201) 489-8797
280 Huyler Street Received: 8/26/2021 09:00 AM
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Analytical Results

Client Sample Description	05 FD	Collected:	8/24/2021	Lab ID:	012109906-0009
	Gym Women's Staff Bathroom Sink Center		8:23:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	33.6	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:18
Client Sample Description	05 FL	Collected:	8/24/2021	Lab ID:	012109906-0010
	Gym Women's Staff Bathroom Sink Center		8:23:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	7.92	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:20
Client Sample Description	06 FD	Collected:	8/24/2021	Lab ID:	012109906-0011
	Gym Women's Staff Bathroom Sink Right		8:24:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	36.5	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:22
Client Sample Description	06 FL	Collected:	8/24/2021	Lab ID:	012109906-0012
	Gym Women's Staff Bathroom Sink Right		8:24:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	2.44	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:26
Client Sample Description	07 FD	Collected:	8/24/2021	Lab ID:	012109906-0013
	Gym Men's Staff Bathroom Sink Left		8:26:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	42.9	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:28



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 CustomerID: OMEG50
 CustomerPO: 21-26045
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

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Analytical Results

Client Sample Description	07 FL Gym Men's Staff Bathroom Sink Left	Collected:	8/24/2021 8:26:00 AM	Lab ID:	012109906-0014
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	228 D	10.0 µg/L	9/16/2021 VD	9/17/2021 VD 08:23
Client Sample Description	08 FD Gym Men's Staff Bathroom Sink Center	Collected:	8/24/2021 8:28:00 AM	Lab ID:	012109906-0015
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	79.7	1.00 µg/L	9/16/2021 VD	9/17/2021 VD 08:21
Client Sample Description	08 FL Gym Men's Staff Bathroom Sink Center	Collected:	8/24/2021 8:28:00 AM	Lab ID:	012109906-0016
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	22.4	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:32
Client Sample Description	09 FD Gym Men's Staff Bathroom Sink Right	Collected:	8/24/2021 8:30:00 AM	Lab ID:	012109906-0017
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	37.5	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:33
Client Sample Description	09 FL Gym Men's Staff Bathroom Sink Right	Collected:	8/24/2021 8:30:00 AM	Lab ID:	012109906-0018
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	3.52	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:38



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EMSL Order: 012109906
 CustomerID: OMEG50
 CustomerPO: 21-26045
 ProjectID:

Attn: **Lab** Phone: (201) 489-8700
Omega Environmental Services Fax: (201) 489-8797
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Project: Arch of Newark/ Sacred Heart Bergen Center for Child Development/ 21-26045

Analytical Results

Client Sample Description	10 FD	Collected:	8/24/2021	Lab ID:	012109906-0019
Nurse's Office Room Sink Mixing Valve			8:32:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	13.4	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:39
Client Sample Description	11 FD	Collected:	8/24/2021	Lab ID:	012109906-0021
Nurse's Office Bathroom Faucet			8:37:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	24.9	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:47
Client Sample Description	11 FL	Collected:	8/24/2021	Lab ID:	012109906-0022
Nurse's Office Bathroom Faucet			8:37:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	1.33	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:51
Client Sample Description	12 FD	Collected:	8/24/2021	Lab ID:	012109906-0023
School Ladies Main BR Northside left sink			8:39:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	58.3	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:58
Client Sample Description	12 FL	Collected:	8/24/2021	Lab ID:	012109906-0024
School Ladies Main BR Northside left sink			8:39:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	5.65	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:57



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<http://www.EMSL.com> EnvChemistry2@emsl.com

EMSL Order: 012109906
 CustomerID: OMEG50
 CustomerPO: 21-26045
 ProjectID:

Attn: **Lab**
Omega Environmental Services
280 Huyler Street
South Hackensack, NJ 07606

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Analytical Results

Client Sample Description	13 FD	Collected:	8/24/2021	Lab ID:	012109906-0025
School Ladies Main BR Northside right sink		8:43:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	67.9	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 22:58
Client Sample Description	13 FL	Collected:	8/24/2021	Lab ID:	012109906-0026
School Ladies Main BR Northside right sink		8:43:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.92	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:00
Client Sample Description	14 FD	Collected:	8/24/2021	Lab ID:	012109906-0027
School Ladies Main BR Southside left sink		8:45:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	8.24	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:01
Client Sample Description	14 FL	Collected:	8/24/2021	Lab ID:	012109906-0028
School Ladies Main BR Southside left sink		8:45:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	36.3	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:03
Client Sample Description	15 FD	Collected:	8/24/2021	Lab ID:	012109906-0029
School Ladies Main BR Southside right sink		8:48:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	12.6	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:04



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Analytical Results

Client Sample Description	16 FD	Collected:	8/24/2021	Lab ID:	012109906-0031
	School Boys Main BR sink left		8:52:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.06	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:07
Client Sample Description	16 FL	Collected:	8/24/2021	Lab ID:	012109906-0032
	School Boys Main BR sink left		8:52:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	31.6	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:15
Client Sample Description	17 FD	Collected:	8/24/2021	Lab ID:	012109906-0033
	School Boys Main BR sink left center		8:54:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.66	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:16
Client Sample Description	18 FD	Collected:	8/24/2021	Lab ID:	012109906-0035
	School Boys Main BR sink right center		8:56:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	10.0	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:19
Client Sample Description	19 FD	Collected:	8/24/2021	Lab ID:	012109906-0037
	School Boys Main BR sink right		8:58:00 AM		
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	32.1	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:22



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South Hackensack, NJ 07606

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Analytical Results

Client Sample Description	19 FL	Collected:	8/24/2021	Lab ID:	012109906-0038
School Boys Main BR sink right		8:58:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.57	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:23
Client Sample Description	20 FD	Collected:	8/24/2021	Lab ID:	012109906-0039
Principals Office Bathroom Faucet Mixing Valve		9:00:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.48	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 23:25
Client Sample Description	21 FD	Collected:	8/24/2021	Lab ID:	012109906-0041
Administration Bathroom Faucet Mixing Valve		9:05:00 AM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	4.99	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 16:39
Client Sample Description	22 FD	Collected:	8/24/2021	Lab ID:	012109906-0043
Outside spigot by Main Entrance		3:00:00 PM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	110 D	2.00 µg/L	9/17/2021 IC	9/17/2021 KB 16:46
Client Sample Description	22 FL	Collected:	8/24/2021	Lab ID:	012109906-0044
Outside spigot by Main Entrance		3:00:00 PM			
Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	7.42	1.00 µg/L	9/17/2021 IC	9/17/2021 KB 16:04



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Analytical Results

Client Sample Description 23 FD Collected: 8/24/2021 Lab ID: 012109906-0045
 Outside spigot back of building (parking lot) 3:05:00 PM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	9.40	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 16:45

Client Sample Description 24 Collected: 8/24/2021 Lab ID: 012109906-0047
 Field Blank 9:35:00 AM

Method	Parameter	Result	RL Units	Prep Date & Analyst	Analysis Date & Analyst
METALS					
200.8	Lead	ND	1.00 µg/L	9/16/2021 VD	9/16/2021 VD 16:48

Definitions:
 MDL - method detection limit
 J - Result was below the reporting limit, but at or above the MDL
 ND - indicates that the analyte was not detected at the reporting limit
 RL - Reporting Limit (Analytical)
 D - Dilution Sample required a dilution which was used to calculate final results

OrderID: 012109906



Lead Chain of Custody
EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

012109906

PHONE: (800) 220-3875

EMAIL: CinnaminsonLeadLab@emsl.com

EMSL ANALYTICAL, INC.
TESTING LABS - PRODUCTS - TRAINING

Customer Information		Billing Information	
Customer ID:		Billing ID:	
Company Name:	Omega Environmental	Company Name:	Omega Environmental
Contact Name:		Billing Contact:	
Street Address:	280 Huyler Street	Street Address:	280 Huyler Street
City, State, Zip:	S. Hackensack, NJ 07606	City, State, Zip:	S. Hackensack, NJ 07606
Country:	USA	Country:	USA
Phone:	201-489-8700	Phone:	201-489-8700
Email(s) for Report:	Lab@omega-env.com, sarahh@omega-env.com	Email(s) for Invoice:	ap@omega-env.com

Project Information

Project Name/No: Arch of Newark/ Sacred Heart Bergen Center for Child Development/ 21-26045

EMSL LIMS Project ID: [] US State where samples collected: NJ [] State of Connecticut (CT) must select project location: Commercial (Taxable) [] Residential (Non-Taxable) []

Sampled By Name: Sarah Hutchins

Sampled By Signature: *Sarah Hutchins*

No. of Samples in Shipment: 47

Turn-Around-Time (TAT): 3 Hour 6 Hour 24 Hour 32 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

Please call ahead for large projects and/or turnaround times 8 hours or less. *32 Hour TAT available for select tests only, samples must be submitted by 11:30am.

MATRIX	METHOD	INSTRUMENT	REPORTING LIMIT	SELECTION
CHIPS <input type="checkbox"/> by wt. <input type="checkbox"/> (ppm) (mg/kg) <input type="checkbox"/> (mg/cm ²)	SW 846-7000B	Flame Atomic Absorption	0.008% (80ppm)	<input type="checkbox"/>
Reporting Limit based on a minimum 0.25g sample weight	SW 846-6010D	ICP-OES	0.0004% (4ppm)	<input type="checkbox"/>
	NIOSH 7082	Flame Atomic Absorption	4µg/filter	<input type="checkbox"/>
AIR	NIOSH 7300M / NIOSH 7303M	ICP-OES	0.5µg/filter	<input type="checkbox"/>
	NIOSH 7300M / NIOSH 7303M	ICP-MS	0.05µg/filter	<input type="checkbox"/>
WPE <input type="checkbox"/> ASTM <input type="checkbox"/> NON-ASTM	SW 846-7000B	Flame Atomic Absorption	10µg/wipe	<input type="checkbox"/>
If no box is checked, non-ASTM Wipe is assumed	SW 846-6010D	ICP-OES	1.0µg/wipe	<input type="checkbox"/>
TCLP	SW 846-1311 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1311 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
SPLP	SW 846-1312 / 7000B / SM 3111B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	SW 846-1312 / SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
TTLC	22 CCR App. II, 7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
STLC	22 CCR App. II, 7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
	22 CCR App. II, SW 846-6010D*	ICP-OES	0.1 mg/L (ppm)	<input type="checkbox"/>
Soil	SW 846-7000B	Flame Atomic Absorption	40mg/kg (ppm)	<input type="checkbox"/>
	SW 846-6010D*	ICP-OES	2mg/kg (ppm)	<input type="checkbox"/>
Wastewater	SM 3111B / SW 846-7000B	Flame Atomic Absorption	0.4 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/>	EPA 200.7	ICP-OES	0.020 mg/L (ppm)	<input type="checkbox"/>
Preserved with HNO ₃ <input type="checkbox"/> PH<2	EPA 200.5	ICP-OES	0.003 mg/L (ppm)	<input type="checkbox"/>
Drinking Water	EPA 200.8	ICP-MS	0.001 mg/L (ppm)	<input type="checkbox"/>
Unpreserved <input type="checkbox"/>				
Preserved with HNO ₃ <input checked="" type="checkbox"/> PH<2				<input checked="" type="checkbox"/>
TSP/SPM Filter	40 CFR Part 50	ICP-OES	12 µg/filter	<input type="checkbox"/>
Other:				<input type="checkbox"/>

Sample Number	Sample Location	Volume / Area	Date / Time Sampled
Samples begin on the next page			

Method of Shipment: _____ Sample Condition Upon Receipt: _____

Relinquished by: Sarah Hutchins Date/Time: 8/24/21 13:15

Received by: *APRIL COURIER* Date/Time: 8/25/21 8:35pm

Relinquished by: _____ Date/Time: _____

Received by: *Elaine* Date/Time: 08/26/21 9:00am

Controlled Document - CDC-25 Lead R16 4/19/2017 *6010C Available Upon Request

AGREE TO ELECTRONIC SIGNATURE (By checking, I consent to signing this Chain of Custody document by electronic signature.)

EMSL Analytical, Inc.'s Laboratory Terms and Conditions are incorporated into this Chain of Custody by reference in their entirety. Submission of samples to EMSL Analytical, Inc. constitutes acceptance and acknowledgment of all terms and conditions by Customer.

012109906
Lead Chain of Custody
 EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077

PHONE: (800) 220-3675
 EMAIL: Cinnaminson.lead.ab@emsl.com

EMSL ANALYTICAL, INC.
 TESTING LABS • PRODUCTS • TRAINING

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Only test Flush Sample if the corresponding First Draw Sample Result > 15µg/L Signs Posted

Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
01 FD	Church Bathroom Faucet	250mL	8/24/21 8:09	Mixing Valve
01 FL	"		8:09	
02 FD	Church Sacristy		8:15	
02 FL	"		8:15	
03 FD	School Kitchen Faucet		8:20	
03 FL	"		8:20	
04 FD	Gym women's Staff Bathroom Left ^{sink}		8:22	
04 FL	"		8:22	
05 FD	Gym women's Staff Bathroom Center ^{sink}		8:23	
05 FL	"		8:23	
06 FD	Gym women's Staff Bathroom Right ^{sink}		8:24	
06 FL	"		8:24	
07 FD	Gym Men's Staff Bathroom sink left		8:26	
07 FL	"		8:26	
08 FD	Gym Men's Staff Bathroom sink center		8:28	
08 FL	"		8:28	
09 FD	Gym Men's Staff Bathroom Sink Right		8:30	
09 FL	"		8:30	

Method of Shipment: _____ Sample Condition Upon Receipt: _____

Reinspected by: Sarah Hutchins Date/Time: 8/24/21 13:15
 Reinspected by: _____ Date/Time: _____

612109906

Lead Chain of Custody
EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 230-3675
EMAIL: Cinnaminson.leadlab@emsl.com



EMSL ANALYTICAL, INC.
TESTING LABORATORIES • WISCONSIN

Special Instructions and/or Regulatory Requirements (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Only test Flush Sample if the corresponding First Draw Sample Result > 15µg/L

Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
10 FD	NURSE'S OFFICE ROOM SINK	250mL	8/24/21 8:32	Mixing Valve
10 FL	" " "		8:32	" "
11 FD	NURSE'S OFFICE BATHROOM FAUCET		8:37	
11 FL	" " "		8:37	
12 FD	School Boys Main BR Northside left sink		8:39	
12 FL	Ladies		8:39	
13 FD	School Boys Main BR Northside Right Sink		8:43	
13 FL	" " "		8:43	
14 FD	School Boys Main BR Southside left Sink		8:45	
14 FL	Ladies		8:45	
15 FD	School Boys Main BR Southside Right Sink		8:48	
15 FL	" " "		8:48	
16 FD	School Boys Main BR sink left		8:52	
16 FL	" " "		8:52	
17 FD	School Boys Main BR sink left center		8:54	
17 FL	" " "		8:54	
18 FD	School Boys Main BR sink center		8:56	
18 FL	" " "		8:56	

Method of Shipment: _____

Prequalified by: **Sarah Hutchins** Date/Time: **8/24/21 13:15**

Received by: _____ Date/Time: _____

Received by: _____ Date/Time: _____

Order ID: 012109906



EMSL ANALYTICAL INC.
TESTING LABORATORY

012109906
Lead Chain of Custody
EMSL Order Number / Lab Use Only

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077

PHONE: (800) 220-3875
EMAIL: CustomerService@emsl.com

Special Instructions and/or Regulatory Requirements: (Sample Specifications, Processing Methods, Limits of Detection, etc.)

Only test Flush Sample if the corresponding First Draw Sample Result > 15µg/L

Sample Number	Sample Location	Volume / Area	Date / Time Sampled	Notes
19 FD	School Boys Main Bathroom Sink Right	250ml	8/24/21 8:58	
19 FL	"	"	8:58	
20 FD	Principals Office Bathroom Faucet	"	9:00	* WATER USED IMMEDIATELY
20 FL	"	"	9:00	Mixing valve before sample was taken
21 FD	Administration Bathroom Faucet	"	9:05	"
21 FL	"	"	9:05	"
22 FD	Outside spigot by Main entrance	"	15:00	
22 FL	"	"	15:00	
23 FD	Outside spigot back of building (parking lot)	"	15:05	
23 FL	"	"	15:05	
24	Field Blank	"	9:35	

Method of Shipment:

Sample Condition Upon Receipt:

Requisitioned by: Sarah Hutchins

Order Time: 8/24/21 13:15

Date/Time

Requisitioned by:

Received by:

Date/Time